

Diaphragm seal MD 60

Part no. 31913W

Diaphragm seals for hygienic applications

benefits

- 3-A-certified in conjunction with Bourdon tube pressure gauge RF 63/100 and chemical seal DMU 02 Vario
- all materials FDA-listed
- SIP/CIP enabled
- NovAseptic®-compatible (1" up to 2½")

Application

For mounting to Bourdon tube pressure gauges, pressure transducers or pressure switches. For viscous, perishable or hot media. Typical application areas:

Food and beverages industry
Beverages industry
Pharmaceutical industry
Biotechnology

Description

All materials used are FDA-listed. The chemical seal and the measuring instrument are welded together, resulting in an inseparable single, shock- and vibration-resistant unit that does not require additional external protection. The chemical seals are available with various nominal diameters; due to their compact design, they are suitable for a wide range of applications.

Technical Specifications

Process connection

Stainless steel 316 L
Clamp ISO 2852

diaphragm

Stainless steel 316 L
welded to upper body, no dead space

surface roughness R_a

≤ 0.8 µm

Instrument connection

Welded connection

pressure transmission liquid

Paraffin oil (FM 09), FDA-listed

pressure range

see overview of versions

Nominal pressure

PN 40

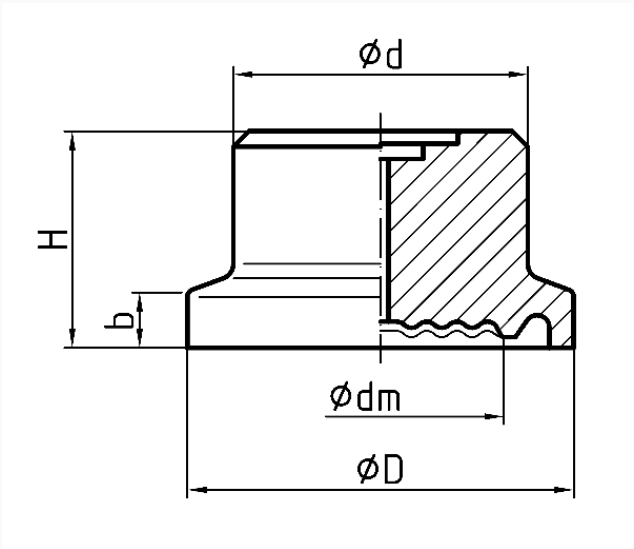
Options

- Adapter for instrument connection G¼B/G½B
- special materials/coatings
- electropolished
- Cooling element (> 100 °C)
- Capillary tube
- other filling liquids
- Accessories (retainer ring, seal, socket)
- other process connections:

MD 61: Clamp DIN 32676
MD 62: Tri-Clamp

Technical Drawings

Type MD 60 - clamp connection 3/4" ISO 2852



DN	PN	D	dm	d	H	b
3/4"	40	25	17,2	19	14	3,6

Versions

Process connec- tion	standard	Instru- ment con- nection	Nominal pressure	minimum range* (in bar) at nominal size					Part no.
				63	100	160	DMU	DMU 13 Vario	
3/4"	Clamp ISO 2852	Welded connec- tion	PN 40	6 bar			1.6 bar		31913W

- in-stock items
- Non-stock items